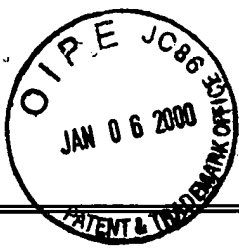


SHEET 1 OF 1

<b>INFORMATION DISCLOSURE CITATION</b>  PTO-1449				ATTY. DOCKET NO. A-67207/DJB/RMS/DCF		SERIAL NO. 08/944,850		
				APPLICANT Walt et al.				
				FILING DATE October 6, 1997		GROUP 2878		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
CH	A	5,516,635	5/1996	Ekins et al.				
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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CH	B	97/40385	10/1997	PCT				
CH	C	98/40726	9/1998	PCT				
CH	D	98/53093	11/1998	PCT				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER		<b>CONSTANTINE HANNAHER</b>		DATE CONSIDERED		MAR 20 2000		

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SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION  PTO-1449				ATTY. DOCKET NO. A-67207/DJB/RMS/DCF		SERIAL NO. 08/944,850		
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U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
CH	A	0 392 546	10/1990	EP				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
CH	1	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding <del>on the</del> April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim. <del>of the</del>						
	2	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yugoslavica, 16(1-2):97-107 (1990).						
	3	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," International Journal of Genome Research, 1(1):59-79 (1992).						
	4	Drmanac, R. et al., "Sequencing by Hybridization," Automated DNA Sequencing and Analysis, ed. M. Adams, C. Fields and J. Venter. (1994).						
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8085 1449A.FRM (8/95) 1005749

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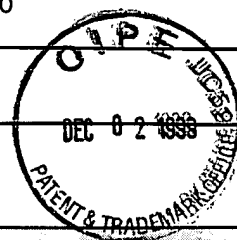
PTO-1449

 ATTY. DOCKET NO.  
A-67207/DJB/RMS

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 APPLICANT  
WALT et al.

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October 6, 1997

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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	<del>4,822,740</del>	<del>4/1989</del>	<del>Walt</del>			
	B	<del>5,002,867</del>	<del>3/1991</del>	<del>Macevicz</del>			
	C	<del>5,114,864</del>	<del>5/1992</del>	<del>Walt</del>			
	D	<del>5,132,242</del>	<del>7/1992</del>	<del>Cheung</del>			
	E	<del>5,143,853</del>	<del>9/1992</del>	<del>Walt</del>			
	F	<del>5,194,300</del>	<del>3/1993</del>	<del>Cheung</del>			
	G	<del>5,244,636</del>	<del>9/1993</del>	<del>Walt et al.</del>			
	H	<del>5,244,813</del>	<del>9/1993</del>	<del>Walt et al.</del>			
	I	<del>5,250,264</del>	<del>10/1993</del>	<del>Walt et al.</del>			
	J	<del>5,252,494</del>	<del>10/1993</del>	<del>Walt</del>			
	K	<del>5,254,477</del>	<del>10/1993</del>	<del>Walt</del>			
	M	<del>5,288,741</del>	<del>3/1994</del>	<del>Walt et al.</del>			
	N	<del>5,320,814</del>	<del>6/1994</del>	<del>Walt et al.</del>			
	O	<del>5,496,997</del>	<del>3/1996</del>	<del>Rope</del>			
	P	<del>5,512,490</del>	<del>4/1996</del>	<del>Walt et al.</del>			
	Q	<del>5,573,909</del>	<del>11/1996</del>	<del>Singer et al.</del>			
	R	<del>5,633,972</del>	<del>5/1997</del>	<del>Walt et al.</del>			
	S	<del>5,565,324</del>	<del>10/1996</del>	<del>Still et al.</del>			
	T	<del>5,690,894</del>	<del>11/1997</del>	<del>Pinkel et al.</del>			
CH	U	4,200,110	4/1980	Peterson et al.			

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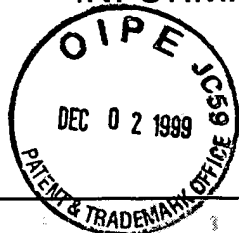
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# INFORMATION DISCLOSURE CITATION



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 APPLICANT  
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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CH	V	4,682,895	7/1987	Costello			
CH	W	4,785,814	11/1988	Kane			
CH	X	5,814,524	9/1998	Walt et al.			
	Y	<del>4,499,052</del>	<del>2/1985</del>	Fulwyler			
	Z	<del>5,105,305</del>	<del>4/1992</del>	Betzig et al.			
CH	AA	5,302,509	4/1994	Cheeseman			
	BB	<del>5,494,798</del>	<del>2/1996</del>	Gerd et al.			
CH	CC	5,435,724	7/1995	Goodman et al.			
CH	DD	5,028,545	7/1991	Soini			
CH	EE	SN 08/818,199	3/1997	Walt et al.			
CH	FF	SN 08/851,203	5/1997	Walt et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	GG	<del>0478 319</del>	<del>4/1992</del>	EP				
	HH	<del>0269764</del>	<del>6/1988</del>	EP				
	II	<del>93/02360</del>	<del>2/1993</del>	PCT				
	JJ	<del>89/11101</del>	<del>11/1989</del>	PCT				
	KK	<del>97/14028</del>	<del>4/1997</del>	PCT				
	LL	<del>0-723-146</del>	<del>7/1996</del>	EP				

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EXAMINER

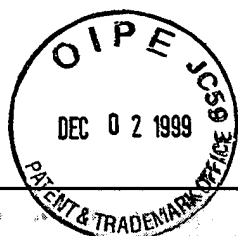
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EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CH	MM	5,308,771	6/1994	Zhou et al.	<del>_____</del>	<del>_____</del>	
CH	NN	5,380,489	1/1995	Sutton et al.	<del>_____</del>	<del>_____</del>	
CH	OO	5,888,723	3/1999	Sutton et al.	<del>_____</del>	<del>_____</del>	
CH	PP	5,900,481	5/1999	Lough et al.	<del>_____</del>	<del>_____</del>	

## FOREIGN PATENT DOCUMENTS

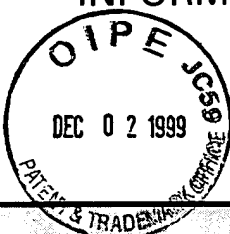
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CH	QQ	98/53300	11/1998	PCT	<del>_____</del>	<del>_____</del>		
CH	RR	94/12863	6/1994	PCT	<del>_____</del>	<del>_____</del>		
CH	SS	97/12030	4/1997	PCT	<del>_____</del>	<del>_____</del>		
CH	TT	2 294 319	4/1996	GB	<del>_____</del>	<del>_____</del>		

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		APPLICANT WALT et al.	
		FILING DATE October 6, 1997	GROUP 2878
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bang Laboratories, (Fishers, IN) February 1997.	
	2	Anonymous, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, IN) September 1998.	
	3	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.	
	4	Healey, B., et al. "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE 2388:568-573 (1995).	
	5	Healey, B., et al. "Improved Fiber-Optic Chemical Sensor for Penicillin," Analytical Chemistry, 67(24): 4471-4476 (1995).	
CH	6	Michael, K., et al. "Fabrication of Micro- and Nanostructures Using Optical Imaging Fibers and Their Use as Chemical Sensors," Electrochemical Society Proceedings 97-5: 153-158 (1997). <i>August</i>	
	7	Pantoano, P. et al., "Ordered nanowell Arrays," Chem. Mater., 8:2832-2835 (1996).	
	8	Peterson, J. et al., "Fiber Optic pH Probe for Physiological Use," Anal. Chem., 52:864-869 (1980).	
	9	Pope, E. "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres," SPIE, 2388:245-256 (1995).	
CH	10	Walt, D. "Fiber-Optic Sensors for Continuous Clinical Monitoring," Proceedings of the IEEE, 80(6):903-911 (1992). <i>June</i>	
CH	11	Ferguson, J. et al. "A Fiber-Optic DNA Biosensor/Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996). <i>December</i>	
	12	Healey, B. et al. "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270-279 (1997).	
	13	Punno, P. et al. "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Anal. Chem. 67:2635-2643 (1995).	
	14	Abel, A. et al. "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996). <i>Sept.</i>	
	15	Strachan, N.J.C. et al. "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the detection of <i>Listeria</i> ," Letters in Applied Microbiology, 21:5-9 (1995).	
CH	16	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (26 September 1991).	
CH	17	Fuh, et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987). <i>August</i>	
CH	18	Hirschfeld, et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (July 1987).	
CH	19	Mignani, et al., "In-Vivo Biomedical Monitoring by Fiber-Optic Systems," Journal of Lightwave Technology, 13(7): 1396-1406 (1995). <i>July</i>	
CH	20	Peterson, et al., "Fiber-Optic Sensors for Biomedical Applications," Science, 13:123-127 (1984). <i>April</i>	
EXAMINER <b>CONSTANTINE HANNAHER</b> DATE CONSIDERED <b>MAR 20 2000</b>			